



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: Patrick J. TREADO et al.

Serial No.: 10/698,243 Examiner: Unassigned  
Filed: 31 October 2003 Group Art Unit: 2877  
For: METHOD FOR IMPROVED FORENSIC ANALYSIS

CERTIFICATE UNDER 37 CFR 1.8(a)  
I, SAMUEL W. APICELLI, REGISTRATION  
NO. 36,427, HEREBY CERTIFY THAT THIS  
CORRESPONDENCE IS BEING DEPOSITED WITH THE  
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ON

SAMUEL W. APICELLI

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find enclosed for filing:

- ☒ Supplemental Information Disclosure Statement, PTO-1449 and references.
- ☒ Should any fees be incurred please debit Deposit Account No. 04-1679.  
This Transmittal Letter is submitted in duplicate.
- ☒ Return Postcard

Respectfully submitted,

Date: \_\_\_\_\_

\_\_\_\_\_  
Samuel W. Apicelli  
Registration No. 36,427  
Customer No. 41396  
DUANE MORRIS, LLP  
305 North Front Street, P.O. Box 1003  
Harrisburg, PA 17108-1003  
(717) 237-5516

SWA/tmf  
Docket No.: E2079-00012

Serial No. 10/698,243

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,

Date: \_\_\_\_\_

---

Samuel W. Apicelli  
Registration No. 36,427  
Customer No. 41396  
DUANE MORRIS, LLP  
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Harrisburg, PA 17108-1003  
(717) 237-5516

SWA/tmf  
Docket No. E2079-00012

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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E2079-12

Jan. 8, 2004

Tammy Styer

**PATENT**

**Attorney Docket No.: 030587**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** David L. Exline, et al. :  
:  
**Serial No.:** 10/698,243 :  
:  
**Filing Date:** October 31, 2003 :  
:  
**Entitled:** METHOD FOR IMPROVED FORENSIC DETECTION

**INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the provisions of 37 C.F.R. Sections 1.56, 1.97 and 1.98, the Applicant lists the documents listed on the attached PTO Form 1449 for consideration during prosecution of the above-captioned patent application, which was filed on October 31, 2003. The Applicant hereby requests that Examiner to review and make an independent evaluation of the art.

This statement is made solely for the purpose of compliance with the above-identified rules and is not intended to be a substitute for an independent search by the Examiner, and no representation of any such nature is made or intended by this statement.

Also enclosed is a return postcard. Please date stamp and mail the postcard to acknowledge receipt of the above-mentioned correspondence.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Dennis M. Carleton', followed by a long horizontal flourish.

Dennis M. Carleton  
Reg. No. 40,938  
BUCHANAN INGERSOLL P.C.  
One Oxford Centre, 20th Floor  
301 Grant Street  
Pittsburgh, PA 15219  
(412) 562-1895  
email: carletondm@bipc.com

Dated: January 8, 2004

Attorney for Applicants

FORM PTO-1449  
(Rev. 7-80)U.S. Department of Commerce  
Patent and Trademark OfficeATTY. DOCKET NO.  
030587SERIAL NO.  
10/698,243

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Exline, et al.FILING DATE  
10-31-03

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
✓	AA	6,485,981	11-26-02	Fernandez			
✓	AB	6,239,904	5-29-01	Serfling, et al.			
✓	AC	6,002,476	12-14-99	Treado			
✓	AD	5,072,338	12-10-91	Hug, et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	✓	Conti, S., Dezzi, S., Bianco, A., Traces of Polymethylsiloxane in case histories of rape: technique for detection, 1995 Elsevier Science Ireland Ltd, Forensic Science International, pp. 121-128.
	AS	✓	Lee, Garry S.H., Ph.D; Brinch, Kari M., BSc; Kannangara, Kamali, Ph.D., Dawson, Michael Ph.D., Wilson, Michael A., D.Sc., A Methodology Based on NMR Spectroscopy for the Forensic Analysis of Condoms, St. Andrews Centre for Advanced Materials, pp. 808-821.
	AT	✓	Maynard, P., Allwell, K., Roux, C., Dawson, M., Royds, D., A protocol for the forensic analysis of condom and personal lubricants found in sexual assault cases, Forensic Science International 124 (2001), pp. 140156.

EXAMINER

DATE CONSIDERED

\* EXAMINER Initial if reference considered, whether or not citation is in conformance with PEP 609. Draw line through question if not in conformance and not considered. Include copy of this form with next communication to applicant.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application of: Patrick J. TREADO et al.

Serial No.: 10/698,243      Examiner: Unassigned  
Filed: 31 October 2003      Group Art Unit: 2877  
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Alexandria, VA 22313-1450

ON

SAMUEL W. APICELLI

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the Duty of Disclosure set forth in 37 CFR 1.56, the materials listed on the enclosed form PTO-1449 are hereby brought to the attention of the Examiner. A copy of each is enclosed.

This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits received by Applicants.

The claimed invention is patentable over the enclosed references. No representations are made regarding the references other than those set forth above.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. E2079-00012	Serial No. 10/698,243
	Applicant: Patrick J. TREADO et al.	
	Filing Date: 31 October 2003	Group Art Unit 2877

## U.S. PATENT DOCUMENTS

*EXAM INER INITIA L	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,324,567	June 1994	Bratchley et al.			
	5,751,415	May 1998	Smith et al.			
	6,008,888	Dec. 1999	Nottke et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO N	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

	ChemImage advertising brochure; <i>APPLICATION NOTE</i> ; Series 2001, Number 0.0; January 2003
	<i>Traces of Polymethylsiloxane in Case Histories of Rape: Technique for Detection</i> ; S. Conti et al.; <i>FORENSIC SCIENCE INTERNATIONAL</i> ; Vol. 75; 1995; pp. 121 – 128
	<i>A Methodology Based on NMR Spectroscopy for the Forensic Analysis of Condoms</i> ; Garry S. H. Lee, Ph.D., et al.; <i>JOURNAL OF FORENSIC SCIENCES</i> ; Vol. 46(4); 2001; pp 808 – 821
	<i>A Protocol for the Forensic Analysis of Condom and Personal Lubricants Found in Sexual Assault Cases</i> ; P. Maynard et al.; <i>FORENSIC SCIENCE INTERNATIONAL</i> ; Vol. 124; 2001; pp. 140 – 156
	<i>The Application of Light in Forensic Science &amp; A Modern Approach to Fingerprint Detection and Enhancement</i> ; Milutin Stoilovic et al.; AUSTRALIAN FEDERAL POLICE; AFP Workshop Manual; October 2000
	<i>Evaluation of 1,2-Indanedione and 5,6-Dimethoxy-1,2-Indanedione for the Detection of Latent Fingerprints on Porous Surfaces</i> ; Claude Roux et al.; <i>JOURNAL OF FORENSIC SCIENCES</i> ; Vol. 45(4); 2000; pp. 761 – 769

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. E2079-00012	Serial No. 10/698,243
	Applicant: Patrick J. TREADO	
	Filing Date: 31 October 2003	Group Art Unit 2877

## U.S. PATENT DOCUMENTS

*EXAM INER INITIA L	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

	✓	<i>A Study to Investigate the Evidential Value of Blue and Black Ballpoint Pen Inks in Australia;</i> Claude Roux et al.; FORENSIC SCIENCE INTERNATIONAL; Vo. 101; 1999; pp 167 – 176
	✓	<i>Classification and Identification of Photocopying Toners by Diffuse Reflectance Infrared Fourier Transform Spectroscopy (DRIFTS): I. Preliminary Results;</i> Williams D. Mazzella, B.S., et al.; JOURNAL OF FORENSIC SCIENCES, JFSCA; Vol. 36; No. 2; March 1991; pp. 449 – 465
	✓	<i>Classification and Identification of Photocopying Toners by Diffuse Reflectance Infrared Fourier Transform Spectroscopy (DRIFTS): II. Final Report;</i> Williams D. Mazzella, B.S., et al.; JOURNAL OF FORENSIC SCIENCES, JFSCA; Vol. 36; No. 3; May 1991; pp. 820 – 837
	✓	<i>Questioned Document Examination;</i> Richard L. Brunelle, MS; BUREAU OF ALCOHOL, TOBACCO; AND FIREARMS – U.S. TREASURY DEPARTMENT; 1982
	✓	<i>The Persistence of Textile Fibres Transferred During Simulated Contacts;</i> J. Robertson et al.; JOURNAL OF FORENSIC SCIENCE; Vol. 22, No. 4, Oct. 1982; pp 353 – 360
	✓	<i>The Forensic Aspects of Textile Fiber Examination;</i> Barry D. Gaudette, B.S.; Royal Canadian Mounted Police;
	✓	<i>The Transfer of Fibres Between Clothing Materials During Simulated Contacts and Their Persistence During Wear: Part I – Fibre Transference;</i> C. A. Pounds et al.; JOURNAL OF FORENSIC SCIENCES; Vol. 15, 1975, pp 17 – 27
	✓	<i>The Transfer of Fibres Between Clothing Materials During Simulated Contacts and Their Persistence During Wear: Part II – Fibre Persistence;</i> C. A. Pounds et al.; JOURNAL OF FORENSIC SCIENCES; Vol. 15, 1975, pp 29 – 37
	✓	<i>Adhesive Tape Analysis: Establishing the Evidential Value of Specific Techniques;</i> Philip Maynard, Ph.D. et al.; JOURNAL OF FORENSIC SCIENCES; Vol. 46(2); 2001; pp 280 - 287

EXAMINER

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